

Baring thus fully set forth the nature and merits

on invention to low lame as new lame.

AUG. P. CORSE. Witnesses: W. P. Allexidoren,

ing apparatus, this means employed, or rilet's equiva-lent, for securing a permanent gas-tight joint between the ends of the oylindrical portions thereof and the end plates or other covindral portions of said appa-rating, consisting of the rings Q and Q, attachied to or rating consisting of the rings Q and Q, attachied to or ivent and from thence projecting horizontally outward or invard and thence projecting horizontally outward or invard and thence upward, so as to form a rebate, or invard and thence upward, so as to form a rebate, or invard and thence upward, so as to form a rebate, with said over, and with suitable holes Q passing through said over, and with suitable holes Q passing through said parts, substantially as shown and de-scribed. In a store-drum or other equivalent parts of hear-ing apparatus, the means employed, or their equiva-

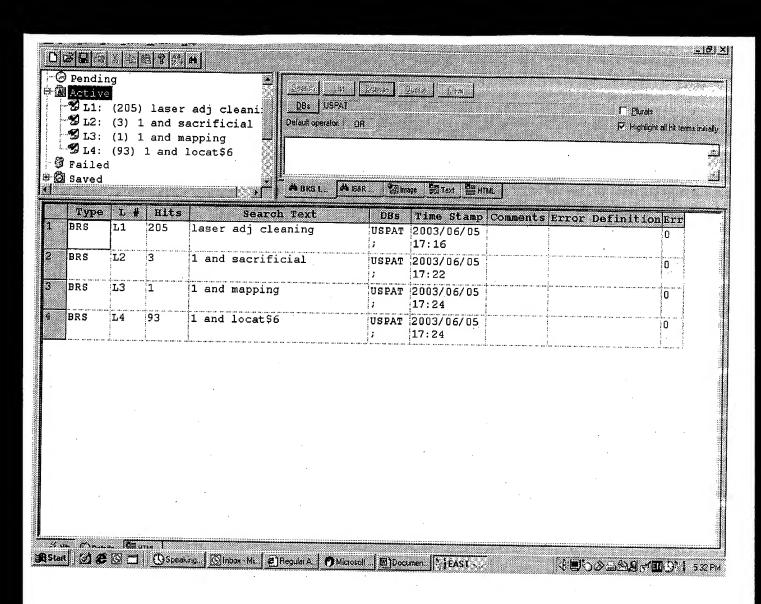
national that I elaim the foregoing I have here-in testimony that I elaim the foregoing I laye, here-anto set my hand this 6th day of Pebruary, 1871.

and the top and bottom plates, so as to cause the beated escaping products of combustion to pass through

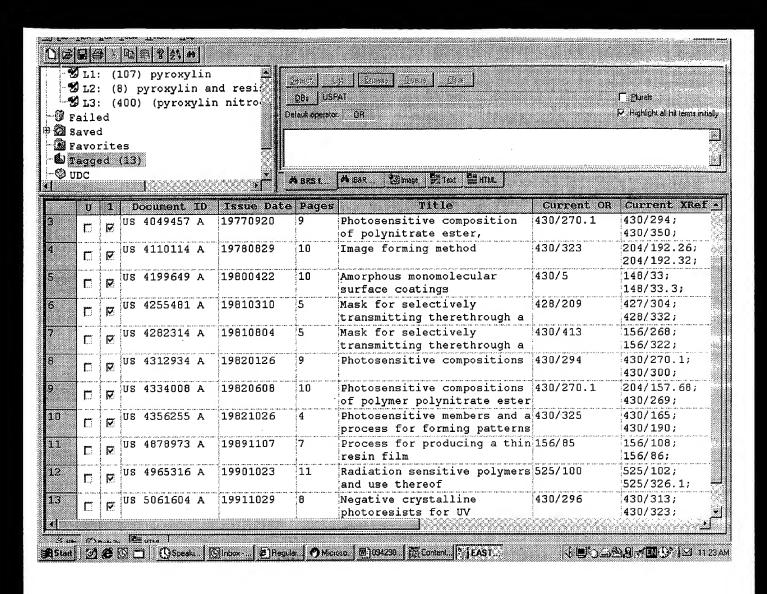
heated escaping products or combustion to pass turougn the same and lito an exit-pipe passing obsysted through the same and into an exit-pipe passing obsysted through the distormance in the six and through imparting a portion of their heat to the air surround. This device is, however, only shown for the perpose of illustrating my invention, which, as will be readily of illustrating my invention, which, as will be readily applicable to any portions of leading apparatus where it is desired to form a permanent apparatus where it is desired to form a permanent solut between the end of a sheet-metal section or orlinater and a east-metal cover. inder and a cast-metal cover.

The especial advantages possessed by this construc-

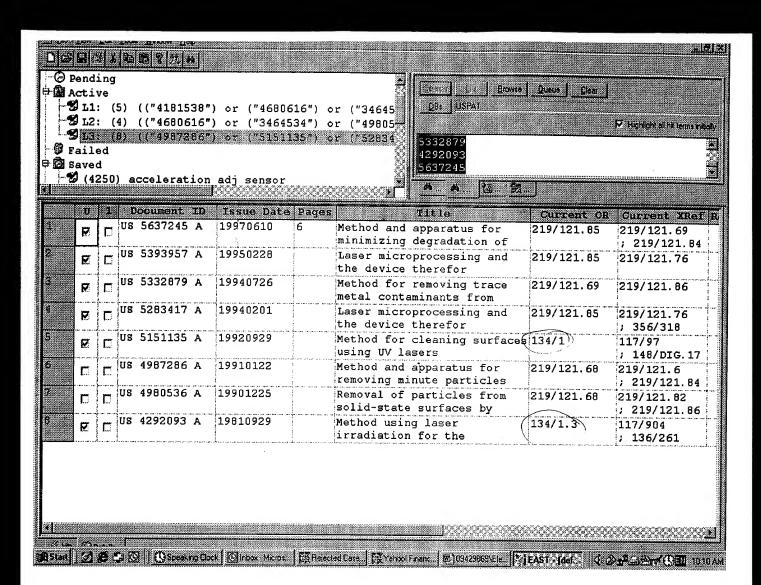
The especial advantages possessed by this construction of a drum are—
Ifirst, the joint at elther end is renderen entirely
Infirst, the joint at once to affected by the expantadependent of and cannot be affected by the expansion or contraction of other parts of the device, and,
being made with very about bolts, is not liable to derangement from or by changes of temperature.
Second, each joint is hortzontal, and no change of
temperature or ordinary use of the pte ang apparatus
can in any manner losses or remove the cement, so
that, if well made originally, said joints are certain
that, if well made originally, said joints are certain
to continue gas-tight while the metal remains intect.



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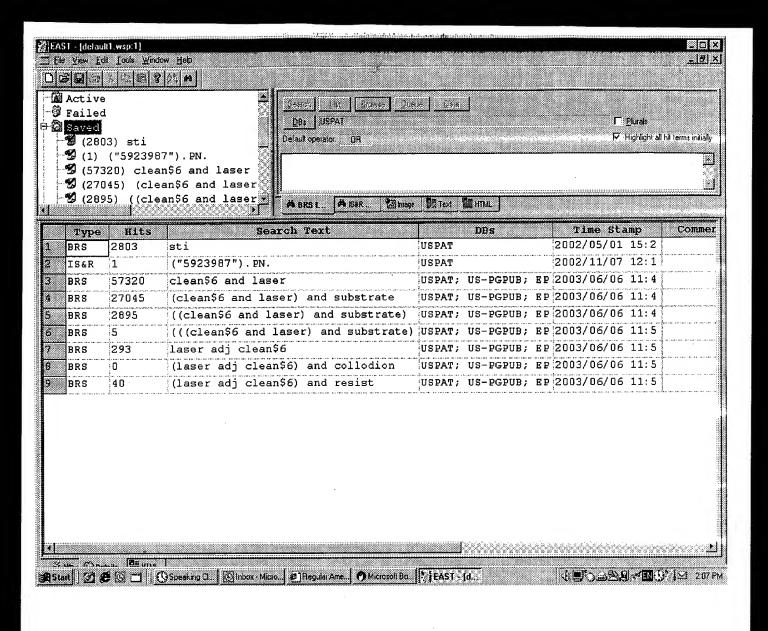
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